

Title (en)  
CONSTRUCTION VEHICLE

Title (de)  
ERDBEWEGUNGSMASCHINE

Title (fr)  
ENGIN DE CHANTIER

Publication  
**EP 2543775 B1 20150902 (EN)**

Application  
**EP 11850852 A 20111215**

Priority  
• JP 2010286972 A 20101224  
• JP 2011079068 W 20111215

Abstract (en)  
[origin: EP2543775A1] A cooling device (20) mounted on a wheel loader (10) includes a radiator (22), an oil cooler (23), an after-cooler (24), air conditioner condenser (25) and a fuel cooler (26). An opening/closing mechanism (31) for pivoting the oil cooler (23) is configured to pivot the oil cooler (23) to a position at a predetermined opening angle about a pivot shaft (31 a) disposed in the vicinity of the right end of the front surface of the oil cooler (23). The rotary shaft (31a) is disposed while being slanted at an angle  $\pm$  with respect to the vertical direction in the back-and-forth direction of a vehicle body (11).

IPC 8 full level  
**E02F 9/00** (2006.01); **E02F 9/08** (2006.01); **F01P 11/10** (2006.01)

CPC (source: EP US)  
**E02F 3/34** (2013.01 - EP US); **E02F 9/0866** (2013.01 - EP US); **E02F 9/0891** (2013.01 - EP US); **E02F 9/26** (2013.01 - EP US); **F01M 5/002** (2013.01 - EP US); **F01P 11/10** (2013.01 - EP US); **F01P 2003/187** (2013.01 - EP US)

Cited by  
EP4390076A1

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DOCDB simple family (publication)  
**EP 2543775 A1 20130109; EP 2543775 A4 20131113; EP 2543775 B1 20150902**; CN 102686806 A 20120919; CN 102686806 B 20130724; JP 5047405 B2 20121010; JP WO2012086519 A1 20140522; US 2012325569 A1 20121227; US 8544584 B2 20131001; WO 2012086519 A1 20120628

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**EP 11850852 A 20111215**; CN 201180005173 A 20111215; JP 2011079068 W 20111215; JP 2012522865 A 20111215; US 201113582890 A 20111215